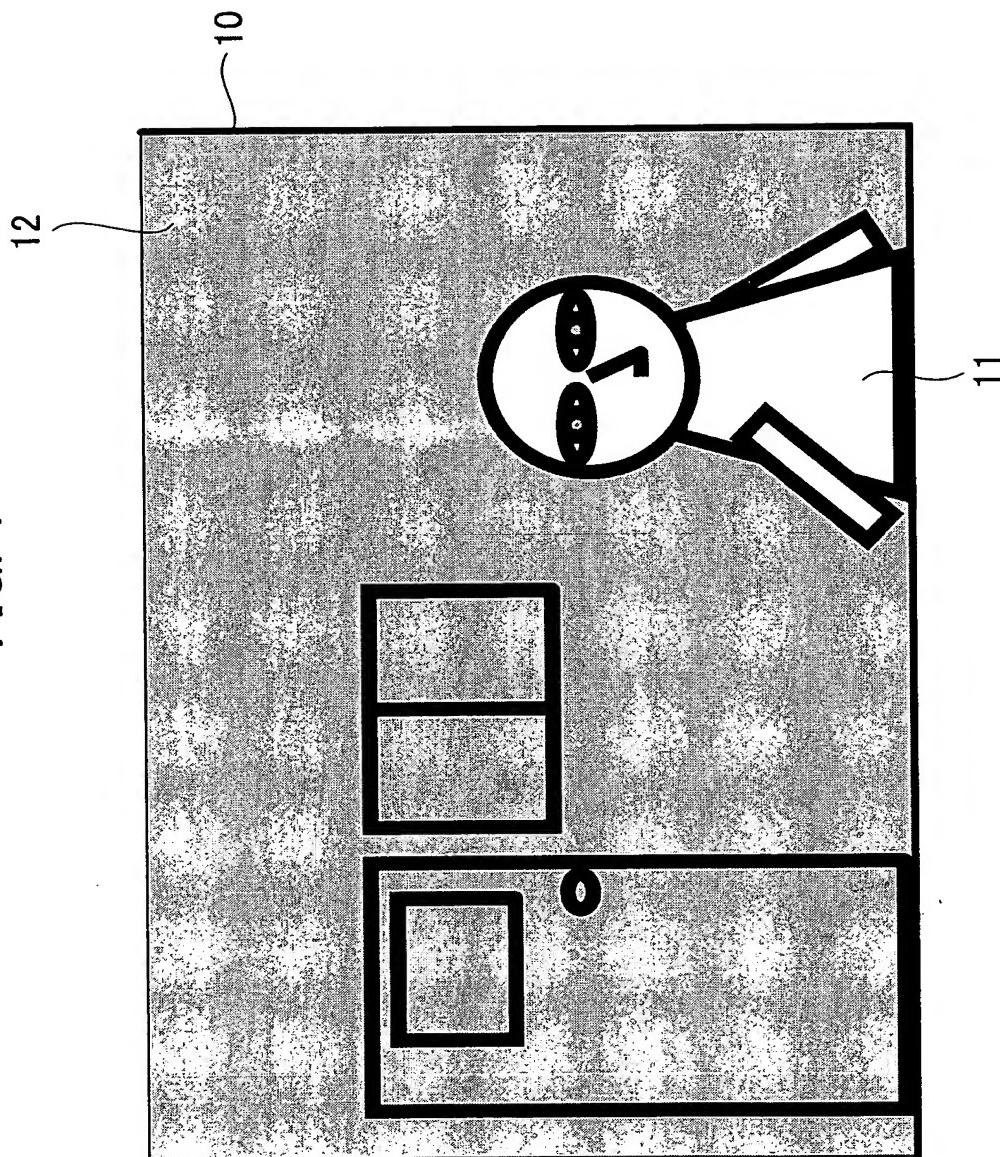


S 0 3 P 0 8 6 5

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FIG. 1



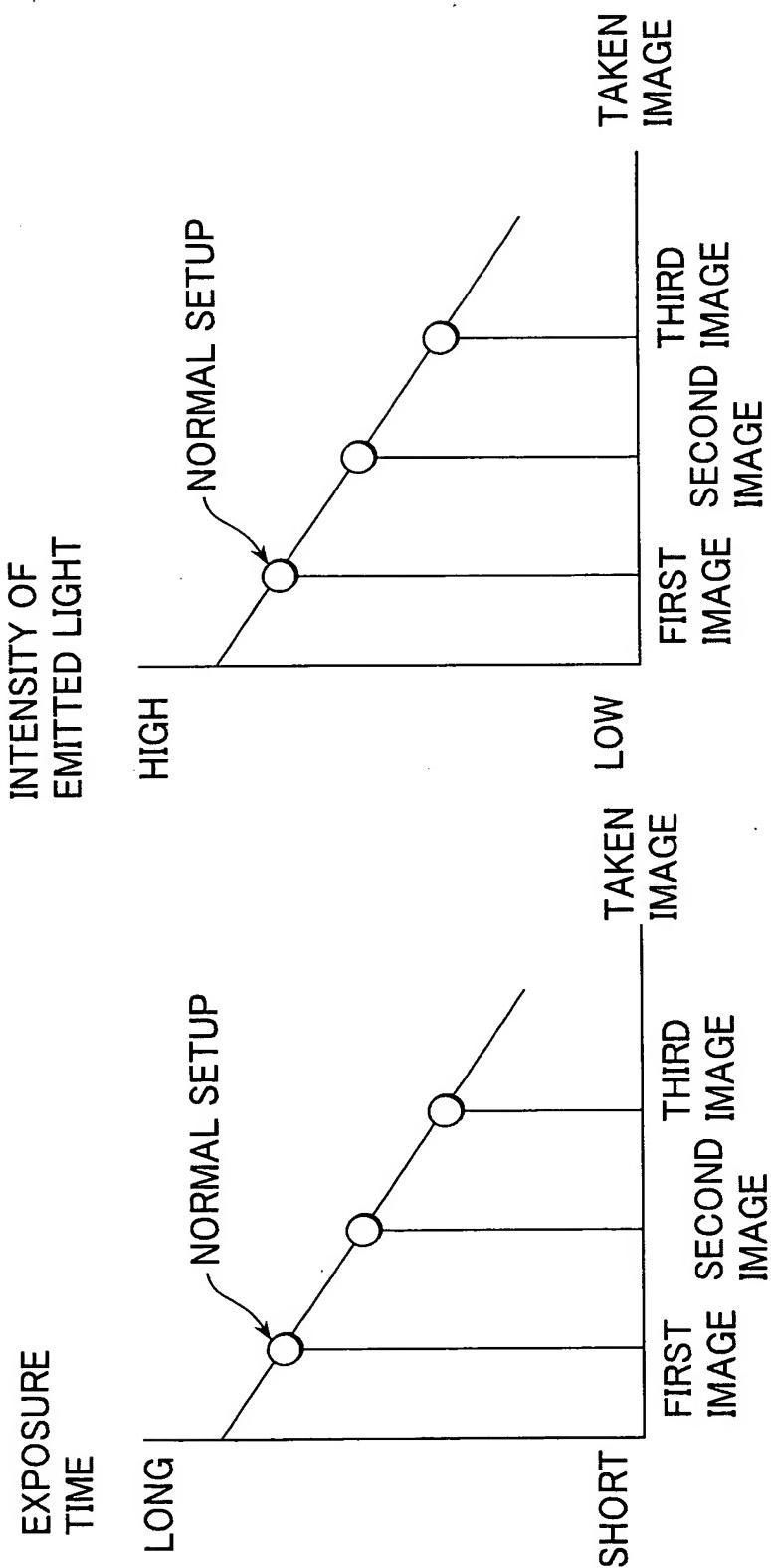
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FIG. 2A

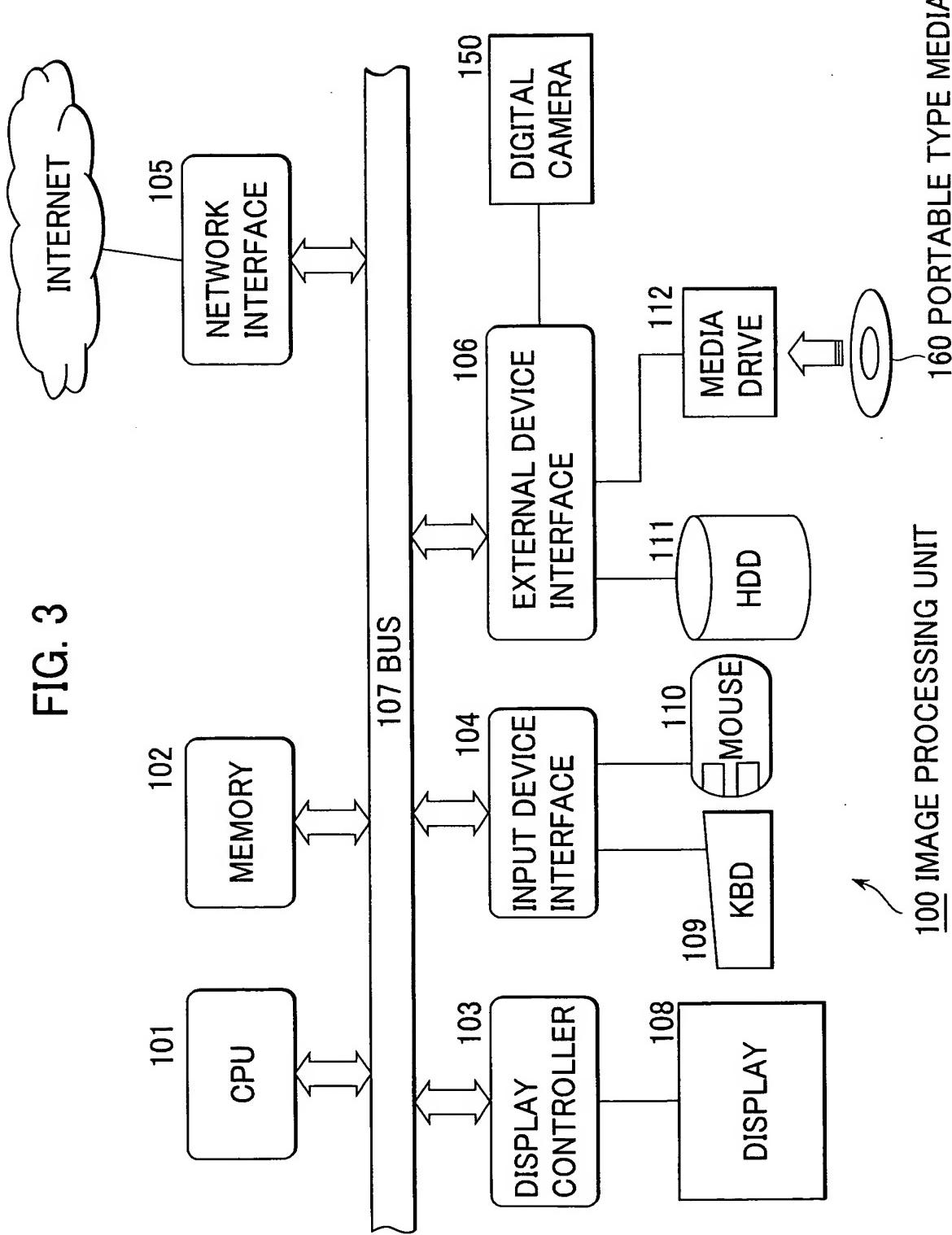


FIG. 2B



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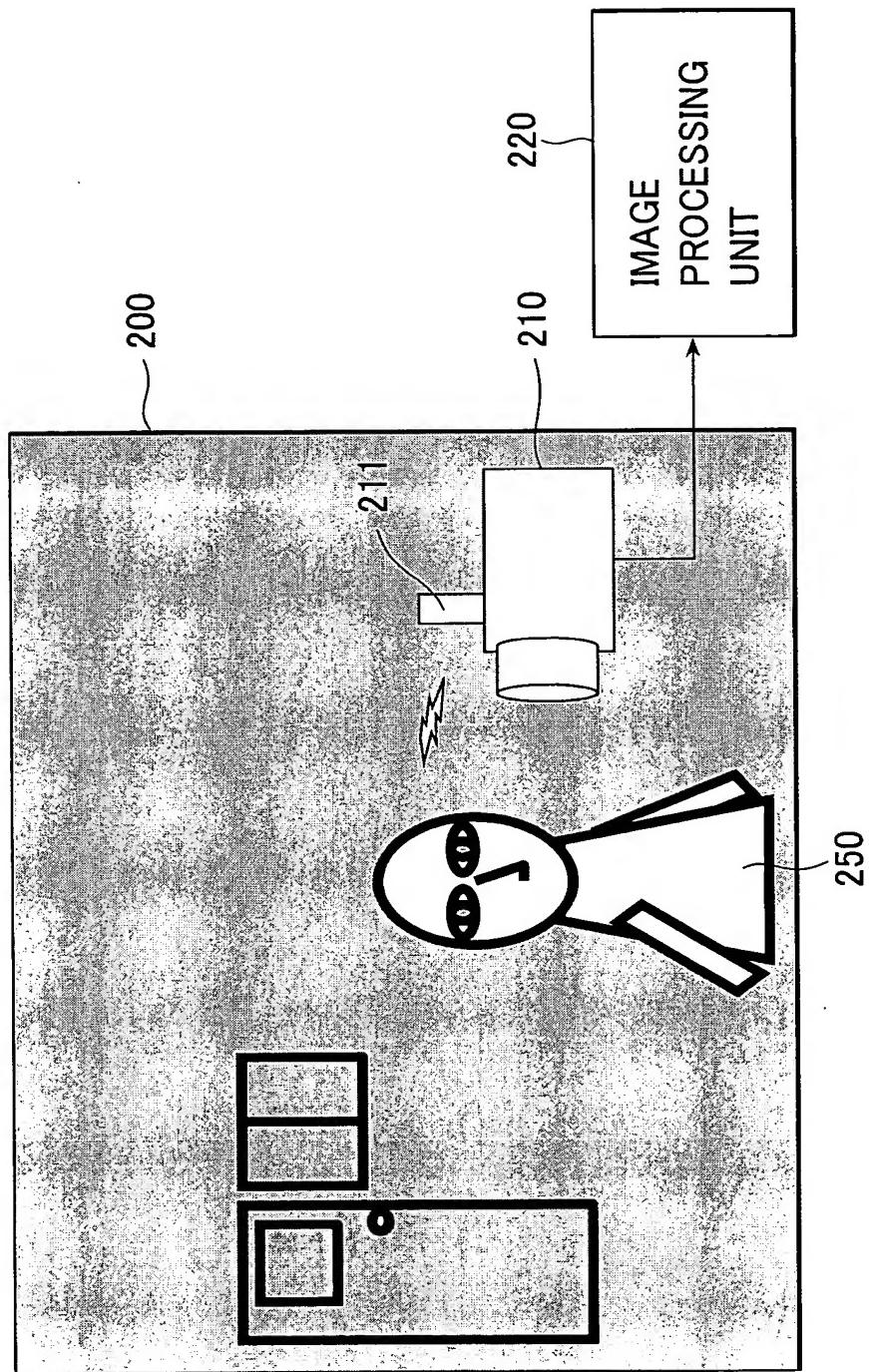
FIG. 3



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FIG. 4



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FIG. 5A

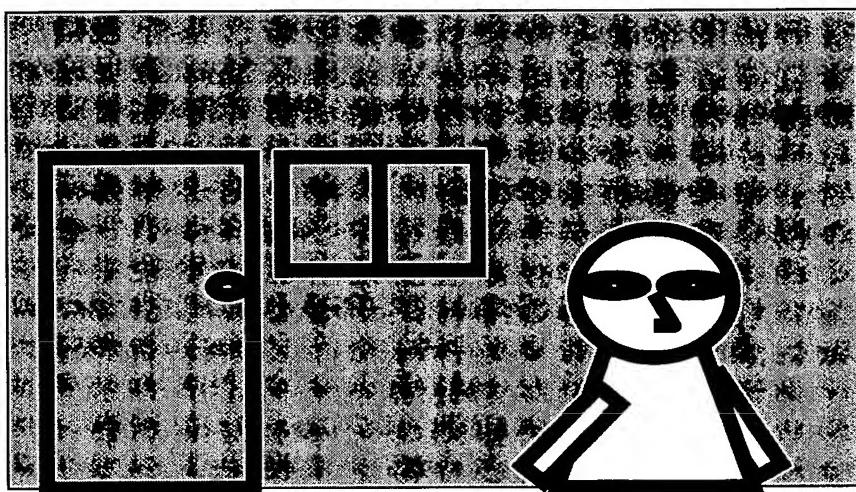


FIG. 5B

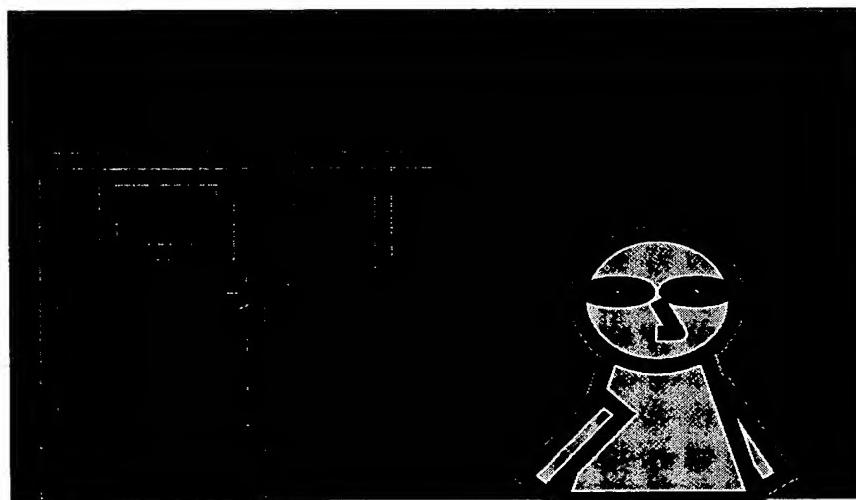


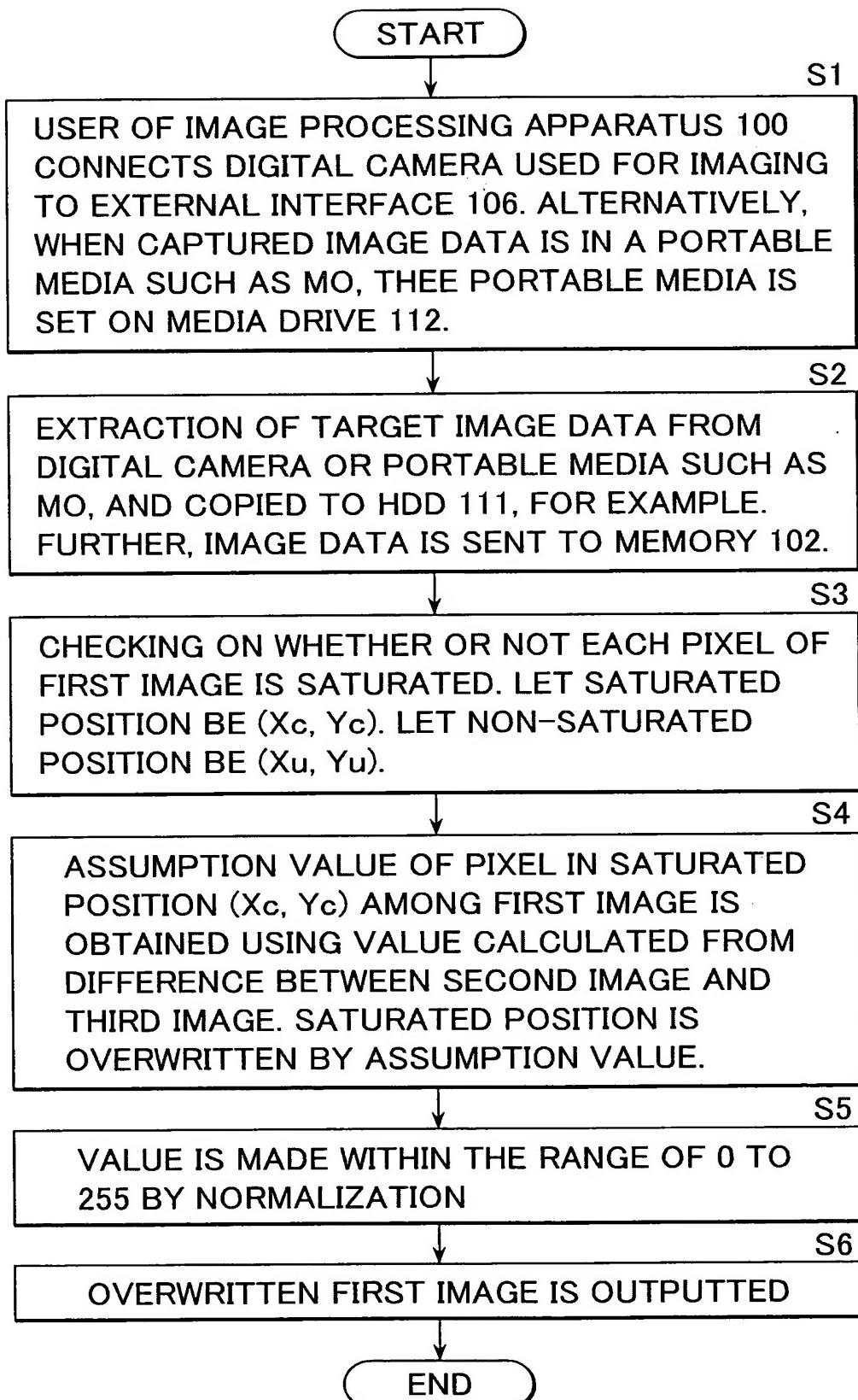
FIG. 5C



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FIG. 6



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FIG. 7

S41

SATURATED PIXEL POSITION (X_c, Y_c) AND
NON-SATURATED PIXEL POSITION (X_u, Y_u)
OF FIRST IMAGE ARE ACQUIRED

S42

PIXEL VALUES OF FIRST, SECOND, THIRD IMAGE (R_u1, G_u1, B_u1), (R_u2, G_u2, B_u2), (R_u3, G_u3, B_u3) CORRESPONDING TO
NON-SATURATED PIXEL POSITION (X_u, Y_u) OF FIRST
IMAGE, AND PIXEL VALUES OF FIRST, SECOND,
THIRD IMAGE (R_c1, G_c1, B_c1), (R_c2, G_c2, B_c2), (R_c3, G_c3, B_c3)
CORRESPONDING TO THE SATURATION PIXEL POSITION
(X_c, Y_c) OF FIRST IMAGE

S43

$$P(X_u, Y_u) = \sqrt{\left(\frac{(R_u1 - R_u3)}{(R_u2 - R_u3)} \right)^2 + \left(\frac{(G_u1 - G_u3)}{(G_u2 - G_u3)} \right)^2 + \left(\frac{(B_u1 - B_u3)}{(B_u2 - B_u3)} \right)^2}$$

IS CALCULATED

S44

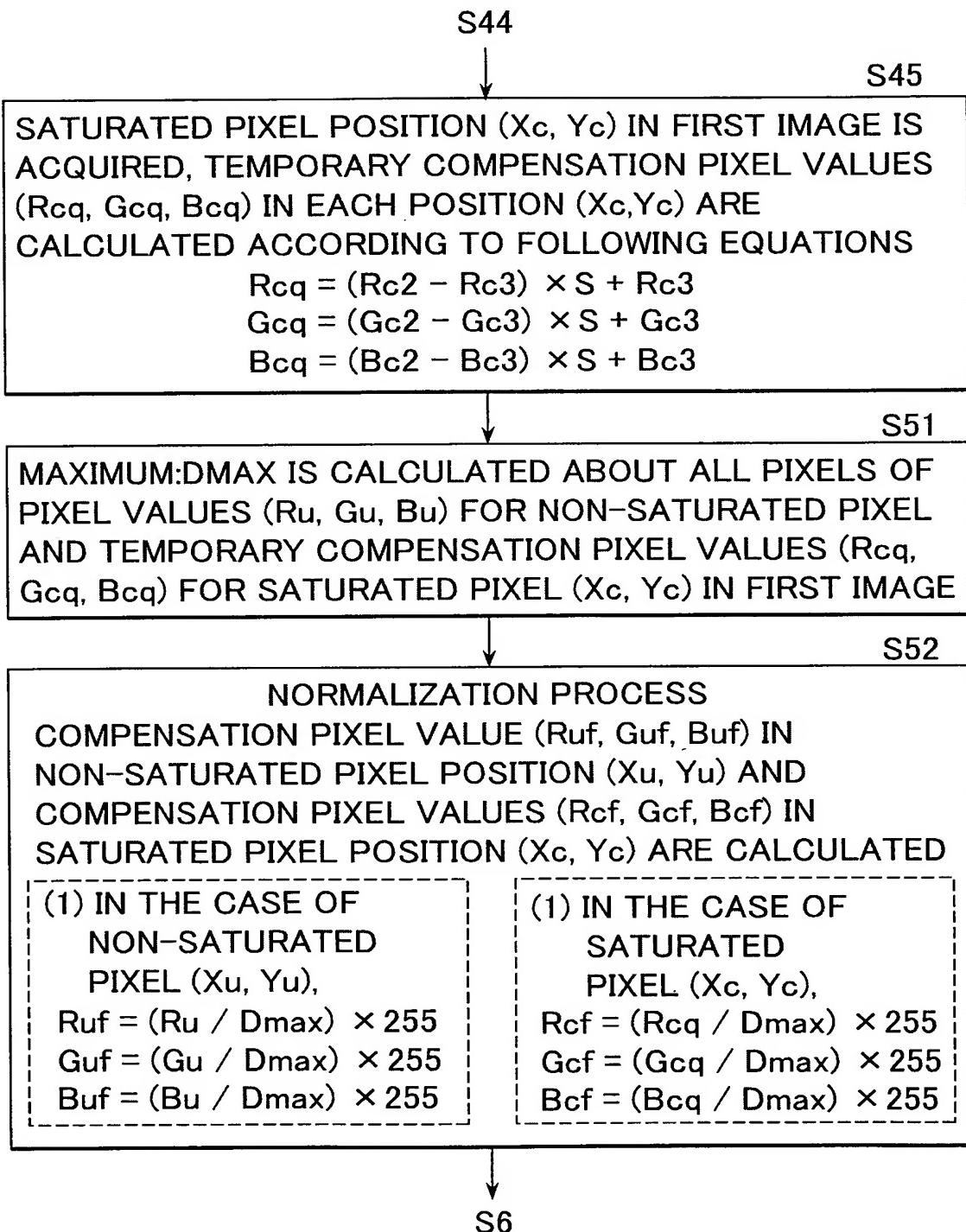
$$S = \frac{\sum P(X_u, Y_u)}{n}$$

IS CALCULATED, WHERE n IS NUMBER OF NON-
SATURATED PIXELS IN FIRST IMAGE

S45

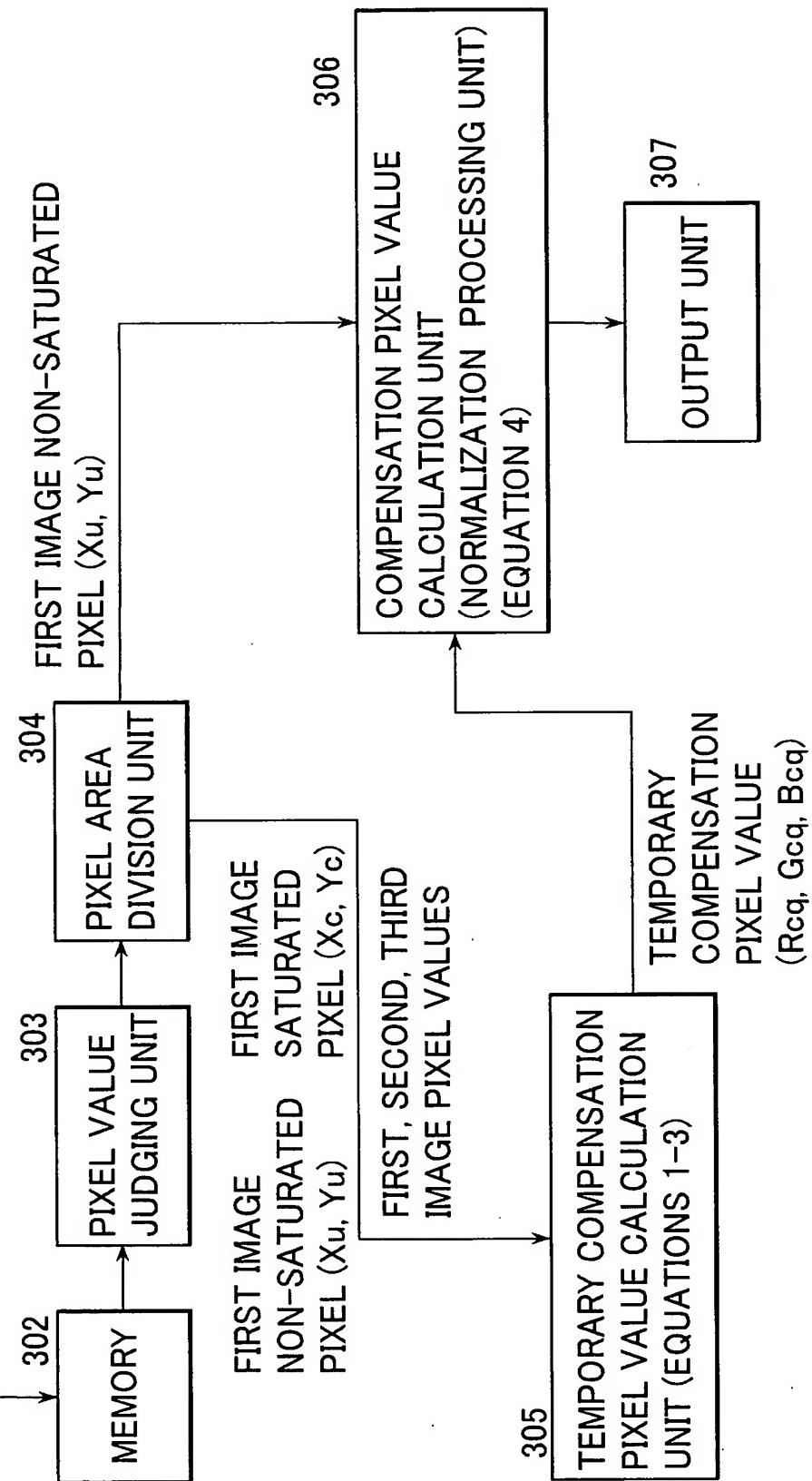
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FIG. 8



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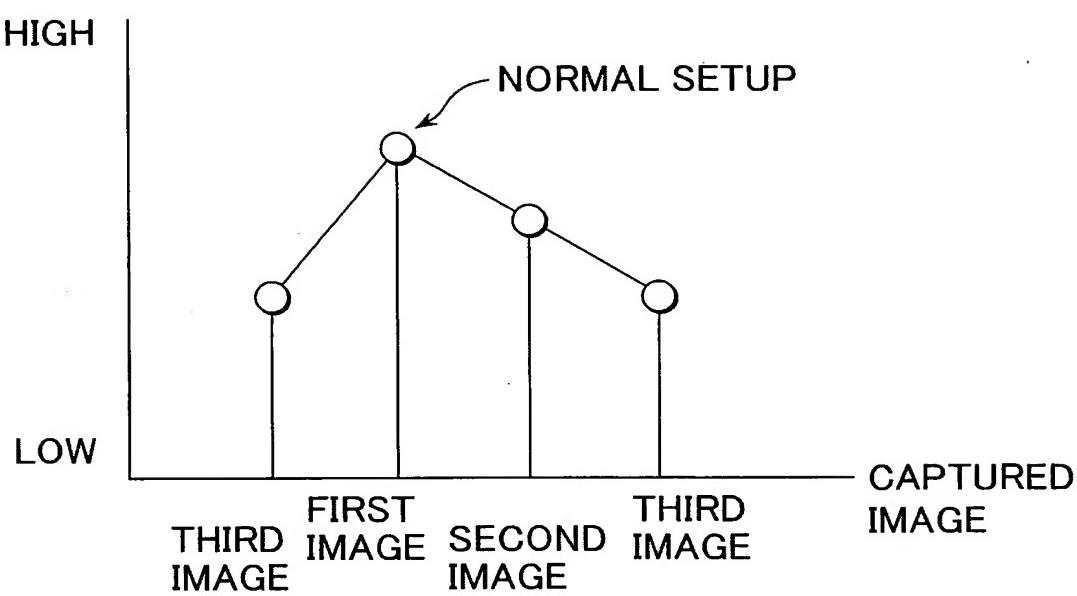
FIG. 9
301



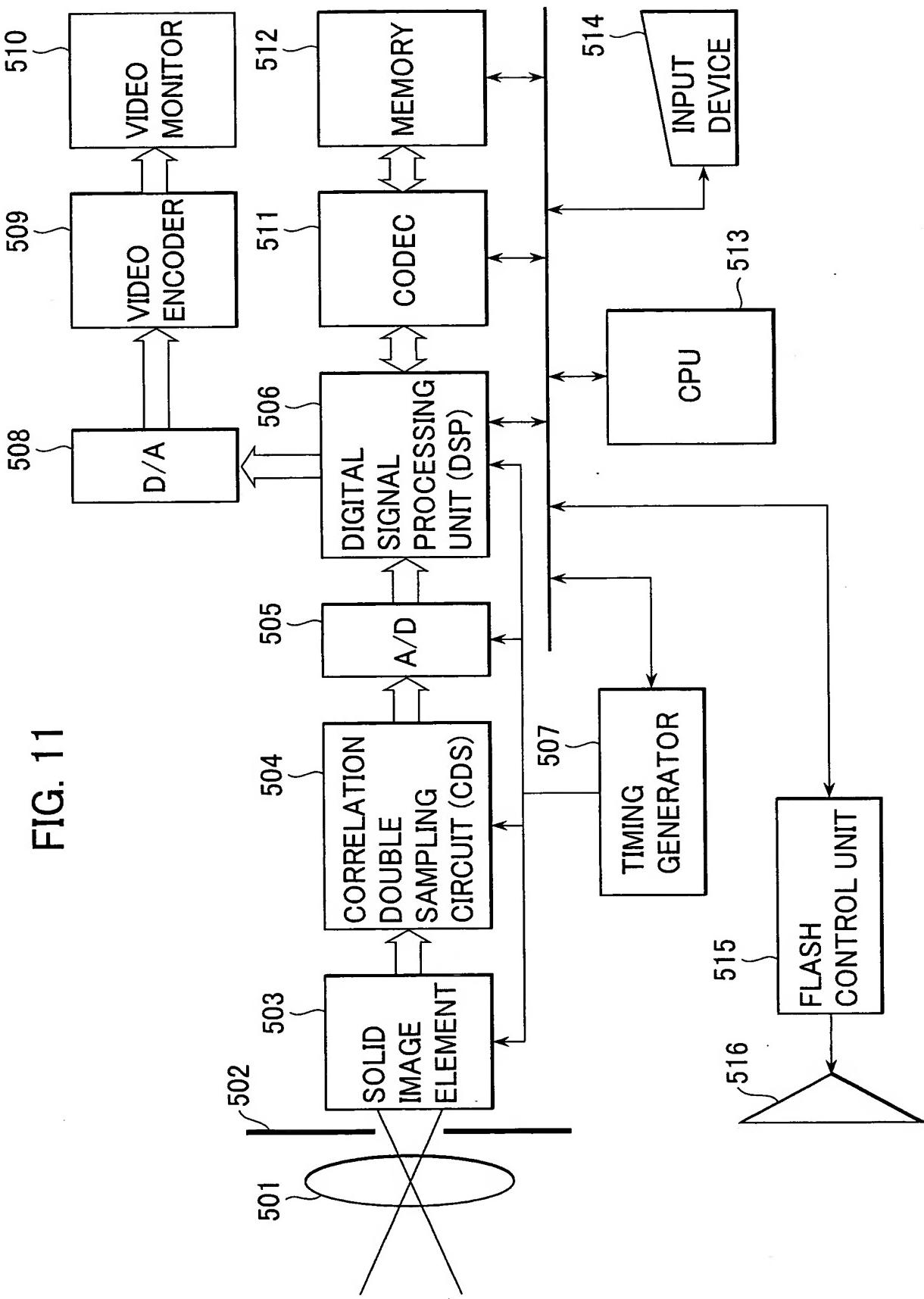
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FIG. 10

INTENSITY OF
EMITTED LIGHT

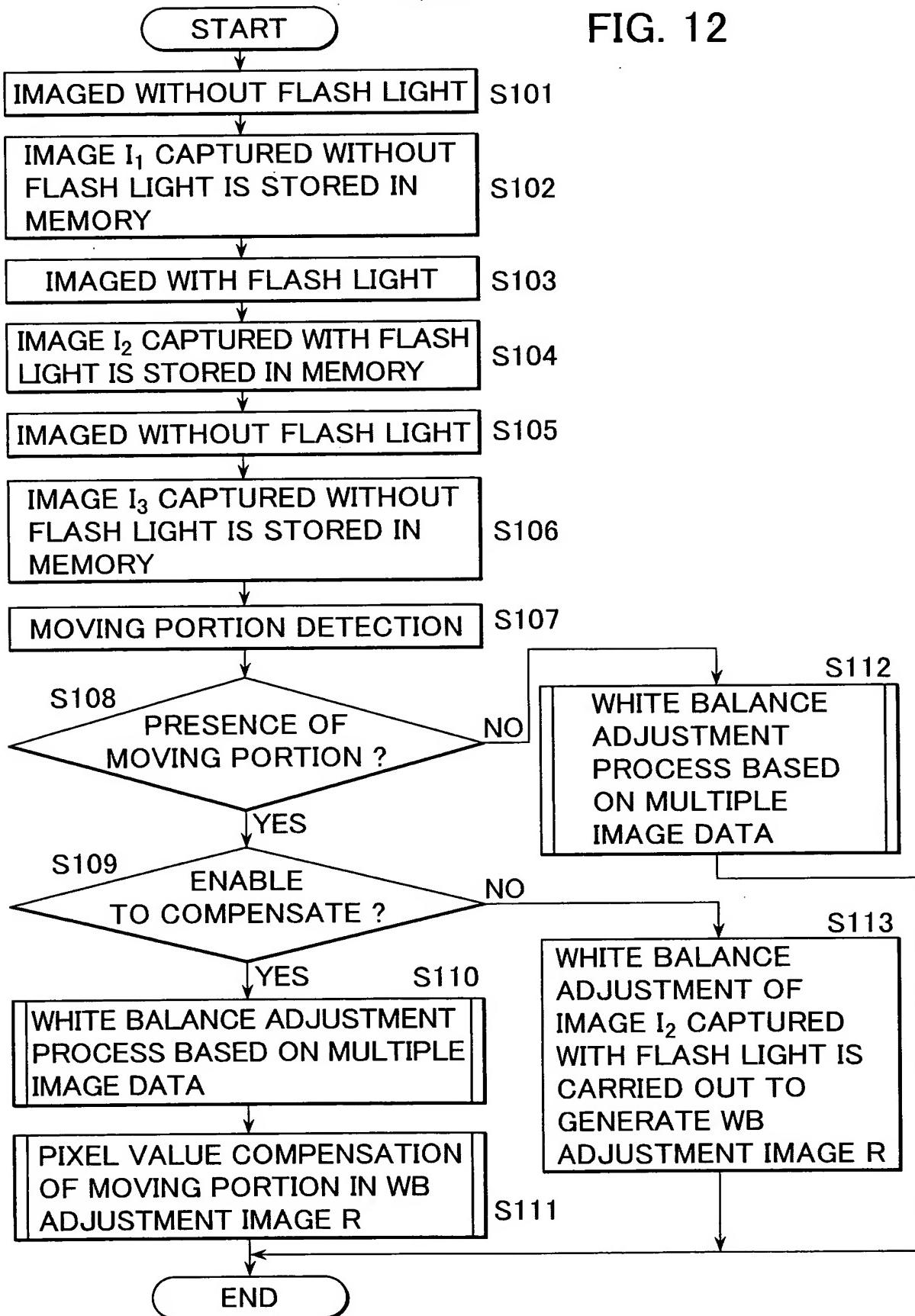


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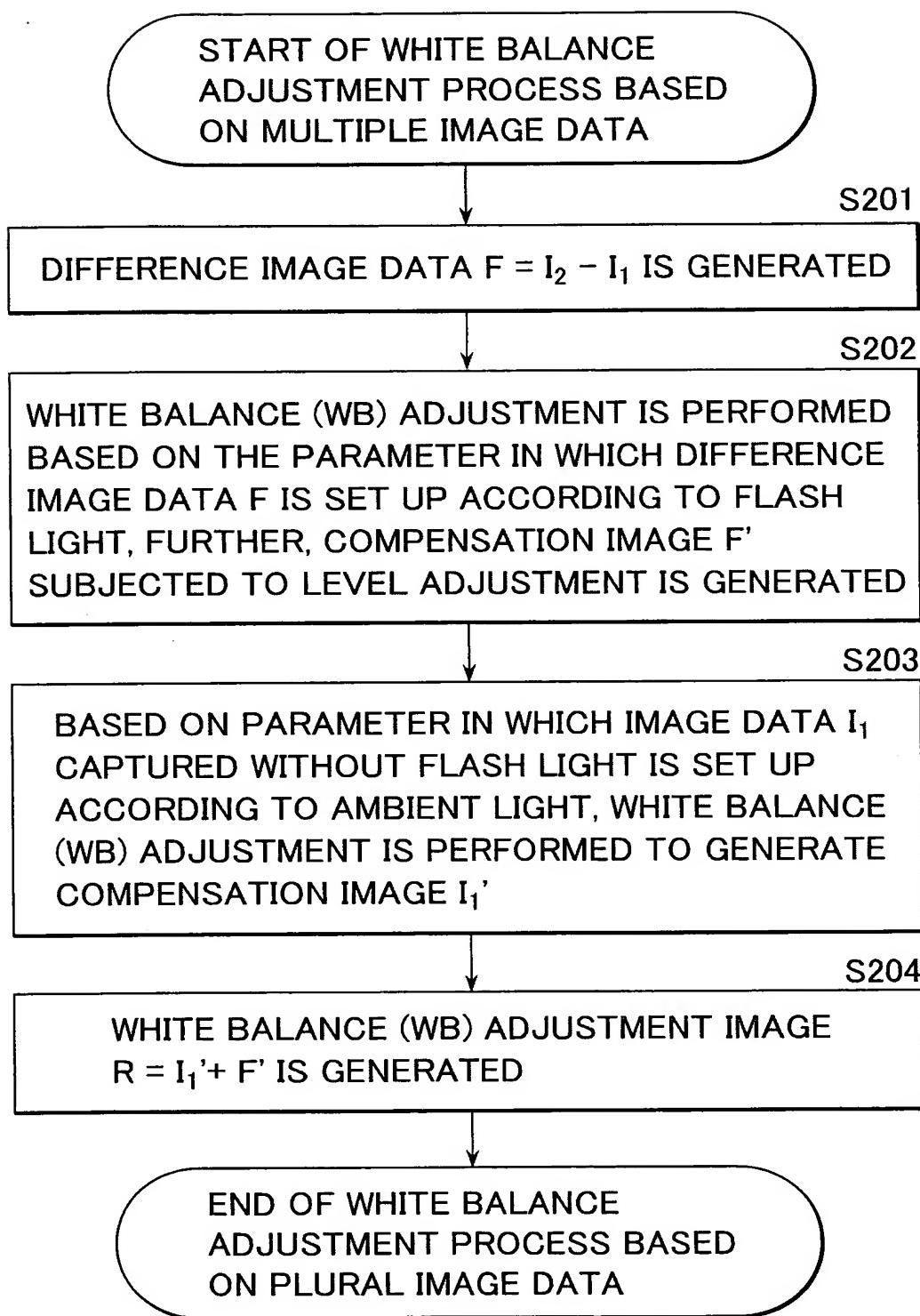
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FIG. 12

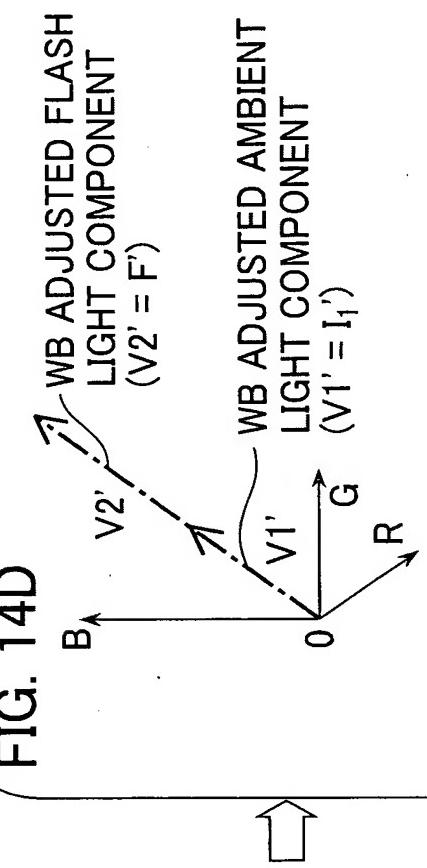
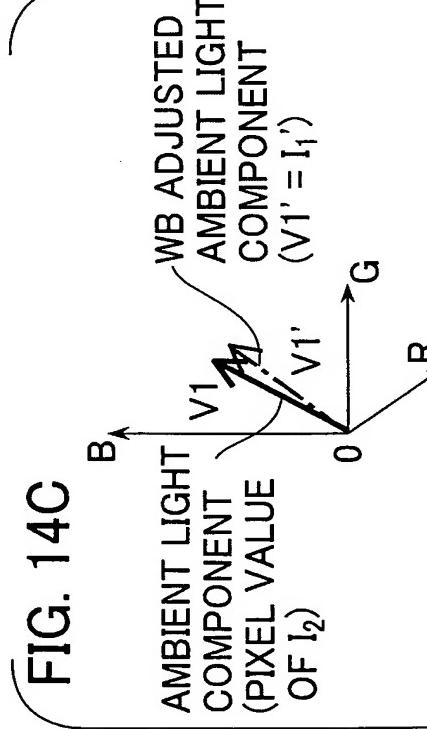
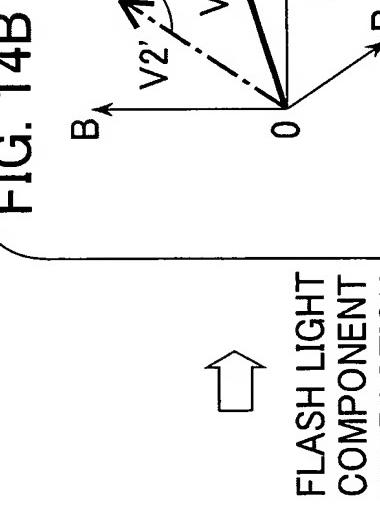
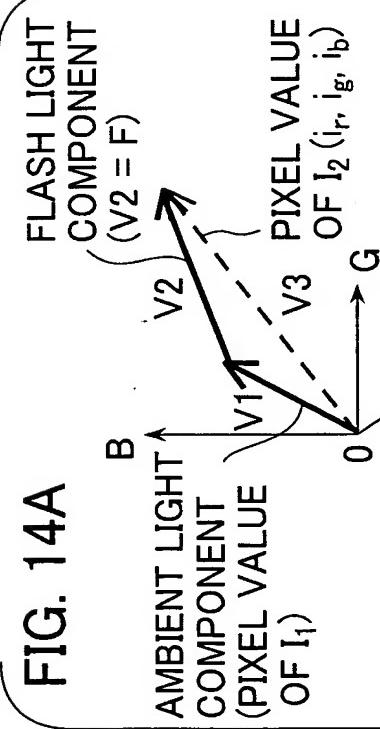


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FIG. 13



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FIG. 15D

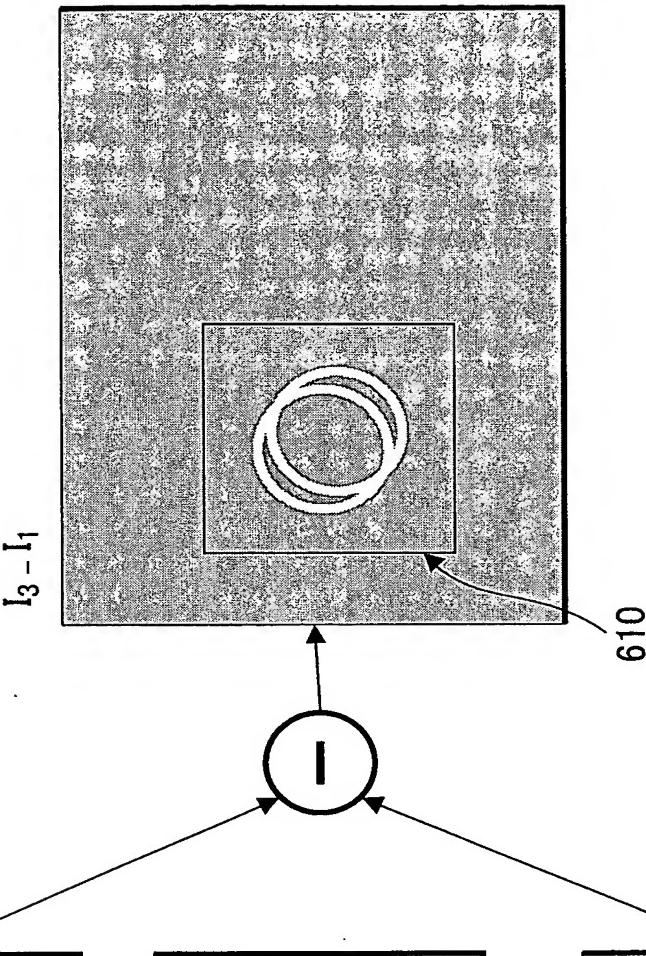


FIG. 15A

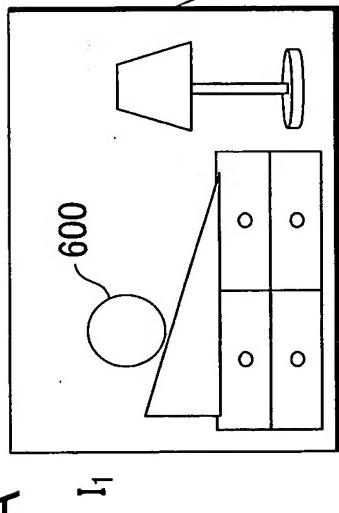


FIG. 15B

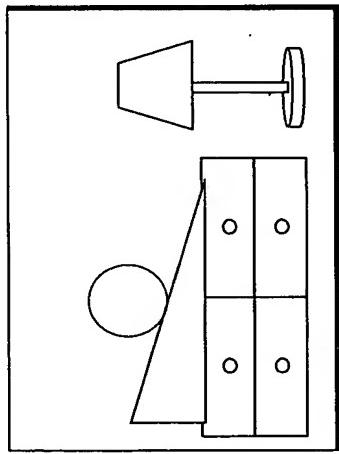
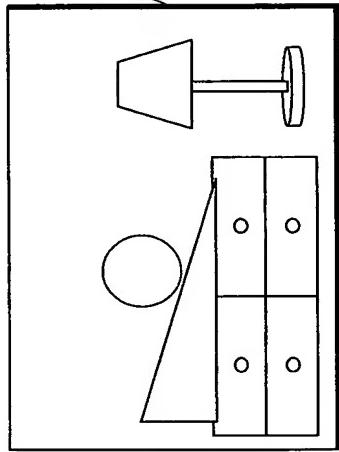


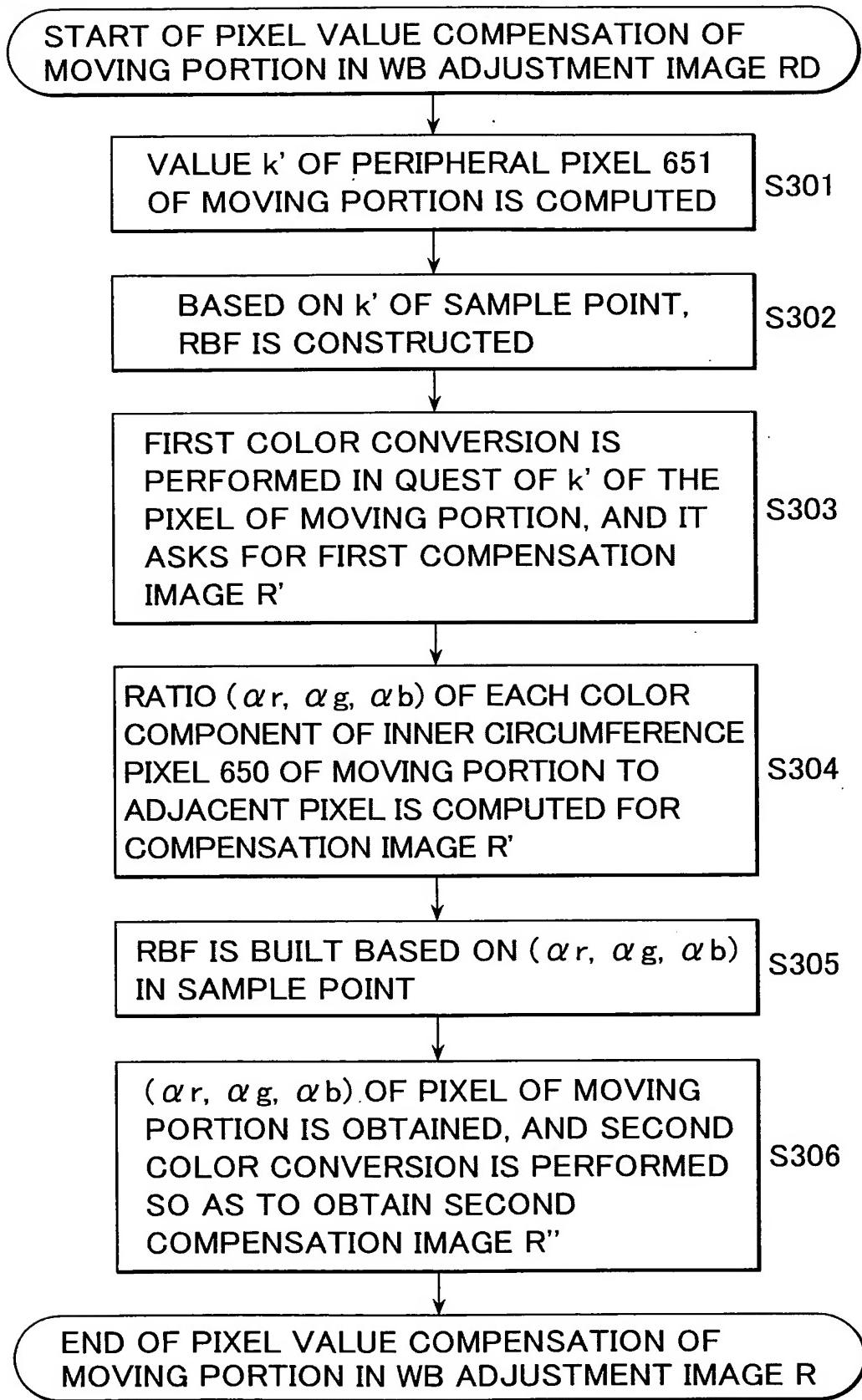
FIG. 15C



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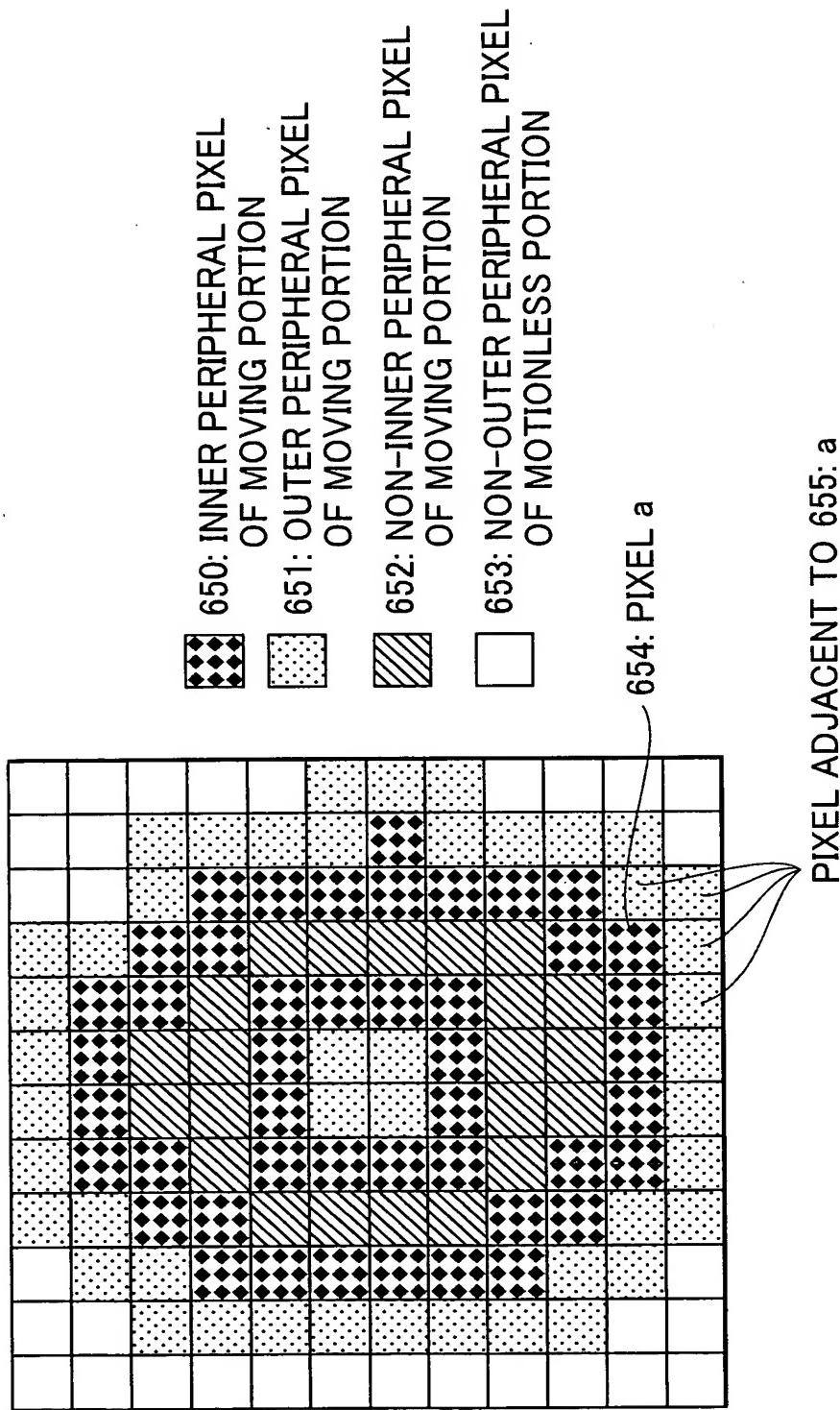
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FIG. 16



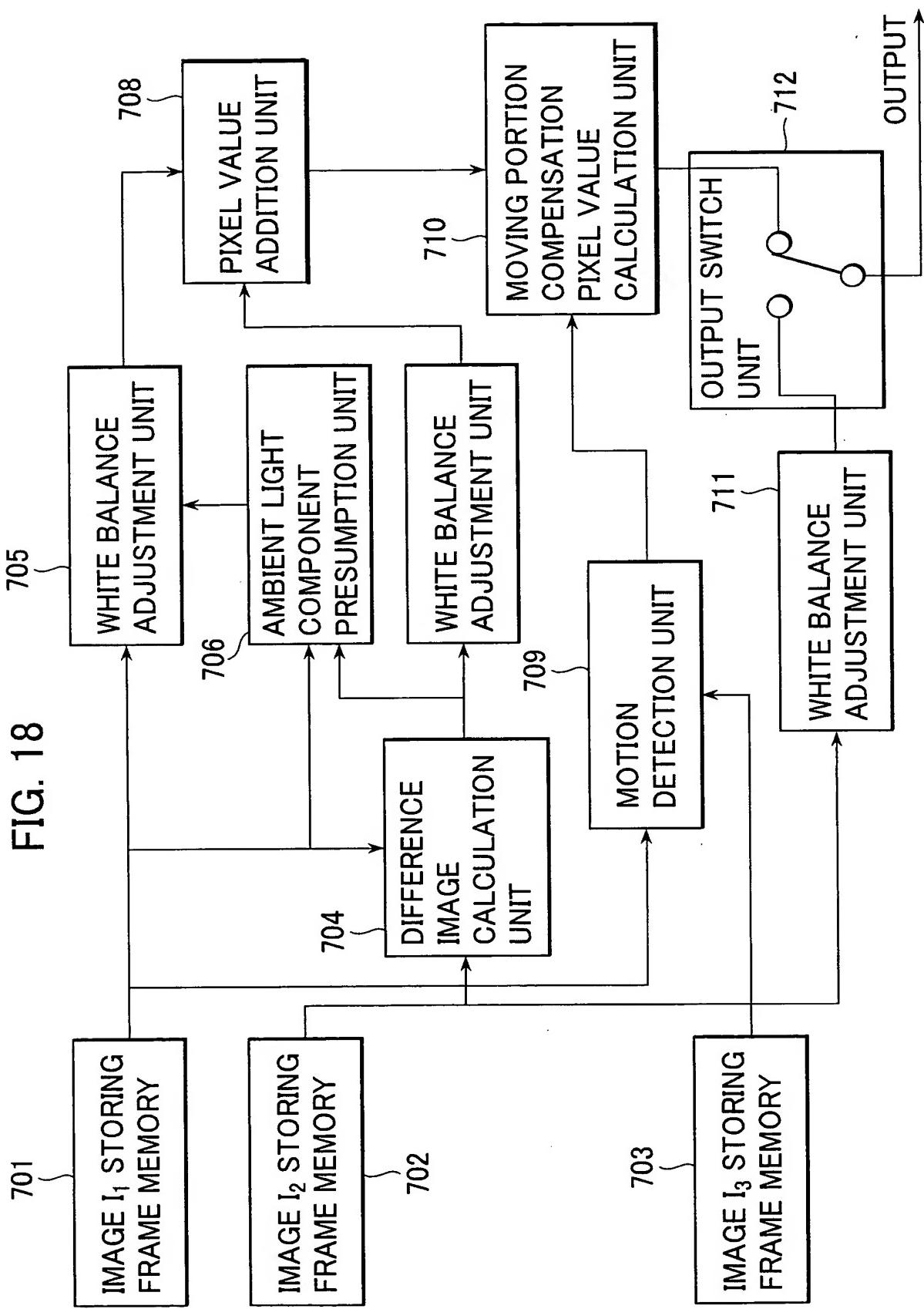
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FIG. 17



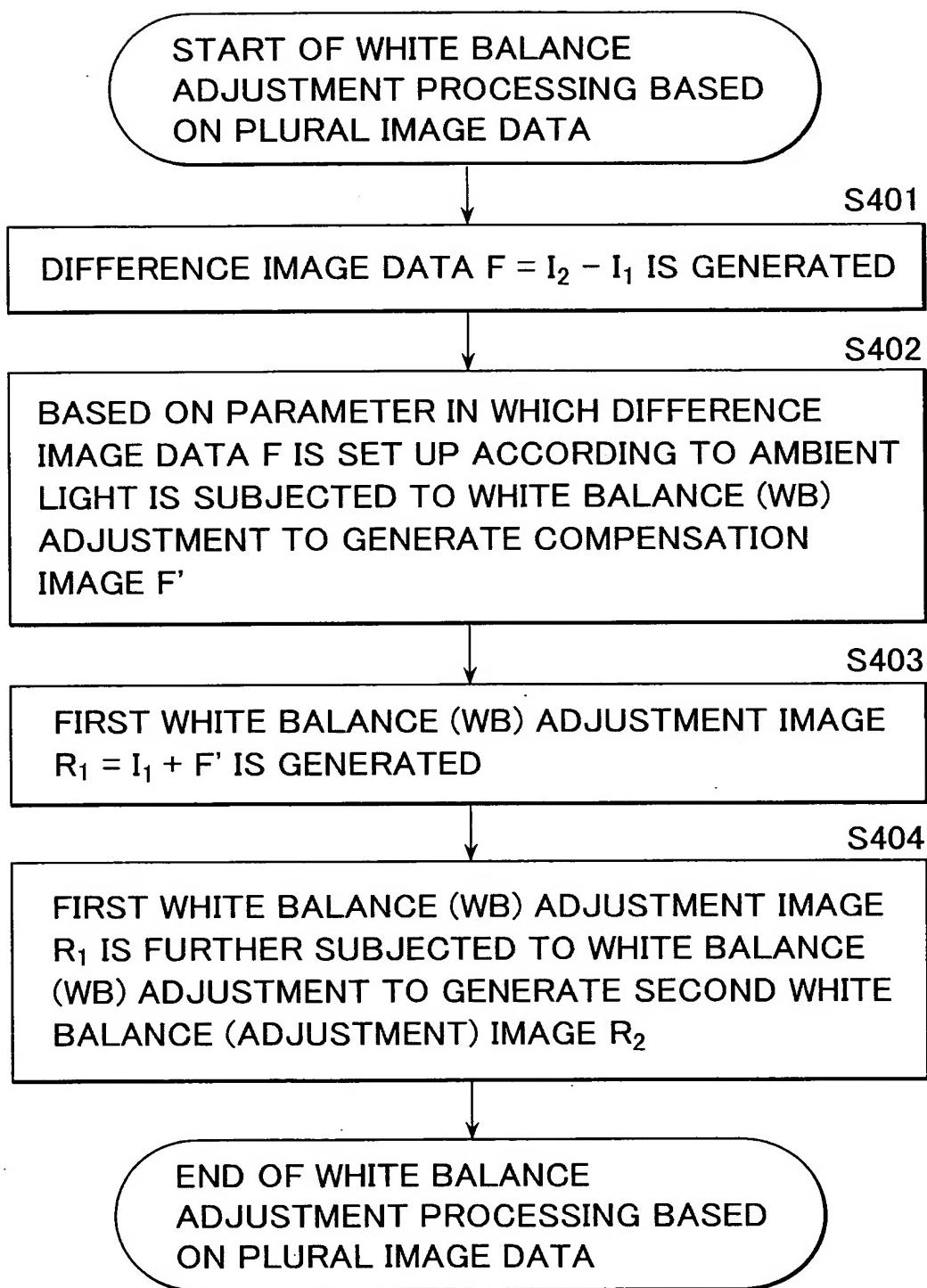
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FIG. 18



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FIG. 19



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FIG. 20

